

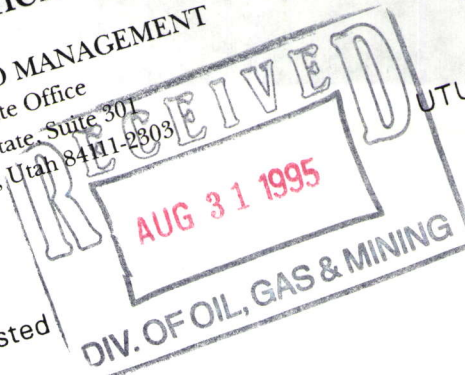
# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Utah State Office  
324 South State, Suite 301  
Salt Lake City, Utah 84111-2803

IN REPLY REFER TO:  
3504

(UT-920)

UTU-0122693



CERTIFIED MAIL—Return Receipt Requested

Ziegler Chemical & Mineral Corporation  
c/o Mr. Robert E. Covington  
P.O. Box 1845  
Vernal, Utah 84078

Re: Approval of Minor Modification to Begin Shaft #2  
for the Cowboy-Bandana Mine Plan at Gilsonite  
Lease U-0122693

Dear Mr. Covington:

On February 1, 1995, the Bureau of Land Management (BLM) received a request for a minor modification to the approved Cowboy-Bandana mine plan. This minor modification includes sinking the second shaft before closure of shaft #1 at a location 1,000 feet NW from shaft #1 along the strike of the vein. The facilities will include a hoist house, headframe, and other out buildings. The proposed disturbance will be approximately 1.1 acres. This disturbance is covered as a cumulative but sequential impact under the existing Environmental Analysis, but was reanalyzed under CX 1995-61 for simultaneous shaft site (#1 and #2) operation.

The second shaft is required due to the extensive amount of rock that has been encountered in shaft #1. Shaft #2 will have a drift driven to the southeast in order to attempt to get under the rock and obtain better recovery of the ore.

## ADVISORY NOTICES:

1. If a new change house is to be located at shaft site #2, the lessee shall be required to submit a minor modification to the mine plan to BLM prior to construction.
2. As per the stipulations for the approval of the mine plan, if water is encountered during mining, the BLM shall be notified within 30 days. The water shall be sampled and tested for the enclosed list of constituents and the results shall be sent to Karl Wright of the Vernal District Office and Stan Perkes at this office.

## National Environmental Policy Act (NEPA):

There are no additional on-the-ground concerns with this modification. This proposal does not increase the amount of surface acreage to be disturbed as part of the total operation in EA 1994-39 and in the approved mine plan and therefore is classified as a Categorical Exclusion, under 516 DM 6, Section 5.4 F (8), approved minor modification to mining plans. A Categorical Exclusion (CX) 1995-61 has been utilized on this action because the original EA did not address shaft sites being simultaneously opened. The decision record states that there would be no major impacts.

Enclos.

cc: Nor,  
Zieg  
Star  
Verna

Gordon,  
Ziegler  
100 Jeri  
Jericho,

Tony Galle  
Utah Division





# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office

324 South State, Suite 301  
Salt Lake City, Utah 84111-2803

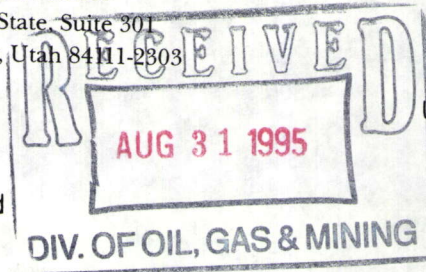
M/047/013

IN REPLY REFER TO:

3504

(UT-920)

UTU-0122693



CERTIFIED MAIL—Return Receipt Requested

Ziegler Chemical & Mineral Corporation  
c/o Mr. Robert E. Covington  
P.O. Box 1845  
Vernal, Utah 84078

Re: Approval of Minor Modification to Begin Shaft #2  
for the Cowboy-Bandana Mine Plan at Gilsonite  
Lease U-0122693

Dear Mr. Covington:

On February 1, 1995, the Bureau of Land Management (BLM) received a request for a minor modification to the approved Cowboy-Bandana mine plan. This minor modification includes sinking the second shaft before closure of shaft #1 at a location 1,000 feet NW from shaft #1 along the strike of the vein. The facilities will include a hoist house, headframe, and other out buildings. The proposed disturbance will be approximately 1.1 acres. This disturbance is covered as a cumulative but sequential impact under the existing Environmental Analysis, but was reanalyzed under CX 1995-61 for simultaneous shaft site (#1 and #2) operation.

The second shaft is required due to the extensive amount of rock that has been encountered in shaft #1. Shaft #2 will have a drift driven to the southeast in order to attempt to get under the rock and obtain better recovery of the ore.

### ADVISORY NOTICES:

1. If a new change house is to be located at shaft site #2, the lessee shall be required to submit a minor modification to the mine plan to BLM prior to construction.
2. As per the stipulations for the approval of the mine plan, if water is encountered during mining, the BLM shall be notified within 30 days. The water shall be sampled and tested for the enclosed list of constituents and the results shall be sent to Karl Wright of the Vernal District Office and Stan Perkes at this office.

### National Environmental Policy Act (NEPA):

There are no additional on-the-ground concerns with this modification. This proposal does not increase the amount of surface acreage to be disturbed as part of the total operation in EA 1994-39 and in the approved mine plan and therefore is classified as a Categorical Exclusion, under 516 DM 6, Section 5.4 F (8), approved minor modification to mining plans. A Categorical Exclusion (CX) 1995-61 has been utilized on this action because the original EA did not address shaft sites being simultaneously opened. The decision record states that there would be no major impacts.



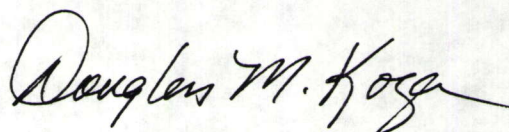
BOND:

Since two shaft sites will be operating concurrently, reclamation bonding will be required for each site. As stated in our letter of August 18, 1995, all of Ziegler's lease liabilities could be covered by a single \$47,000 Statewide bond.

APPROVAL:

The BLM approves the opening of the second shaft site with the above conditions (bond and advisory notices). Work on the 2nd shaft site shall not begin until the required bond amount, addressed in our August 18, 1995, letter, has been accepted in writing by the BLM. The BLM has determined that this minor modification to the mine plan is in compliance with the Mineral Leasing Act of 1920, as amended, and the regulations at 43 CFR 3580, the lease terms and stipulations and will achieve Ultimate Maximum Recovery of the resource. There are no additions or deletions of the reserves due to this approval. If you have any questions, please contact Stan Perkes, Utah State Office, Bureau of Land Management, at (801) 539-4036.

Sincerely,



G. William Lamb  
State Director

Enclosure

cc: Norman Haslam,  
Ziegler Chemical and Mineral Corporation  
Star Route  
Vernal, Utah 84078

Gordon Ziegler, Jr.  
Ziegler Chemical and Mineral Corporation  
100 Jericho Quadrangle  
Jericho, New York 11753

Tony Gallegos  
Utah Division of Oil, Gas, and Mining

Water measurements for encountering water during drilling and/or mining.

Measurements	Reported As
Water level or Flow	Depth, CFS, CFM
pH	Standard Units
Total Dissolved Solids (TDS)	mg/L
Total Suspended Solids (TSS)	mg/L
Oil and Grease	mg/L
Aluminum (Total)	ug/L
Iron (Total)	ug/L
Antimony (Total)	ug/L
Arsenic (Total)	ug/L
Beryllium (Total)	ug/L
Cadmium (Total)	ug/L
Chromium (Total)	ug/L
Copper (Total)	ug/L
Mercury (Total)	ug/L
Nickel (Total)	ug/L
Seleium (Total)	ug/L
Silver (Total)	ug/L
Thallium (Total)	ug/L
Zinc (Total)	ug/L
Cyanide (Total)	ug/L
Phenols (Total)	ug/L

(UT-920)  
U-0122693  
enclosure